

IN THE CLAIMS

Kindly amend claims 1 and 7 as follows:

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1. (amended) Glass for a light filter having a coefficient of thermal expansion within a range from  $90 \times 10^{-7}/^{\circ}\text{C}$  to  $120 \times 10^{-7}/^{\circ}\text{C}$  within a temperature range from  $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$  and having a composition which comprises, in weight percent:

one or more ingredients selected from the group consisting of  $\text{SiO}_2$ ,  $\text{B}_2\text{O}_3$  and  $\text{P}_2\text{O}_5$  in the total amount of 35-55%, wherein the upper limit of  $\text{SiO}_2$  is 41.5%;

one or more ingredients selected from the group consisting of  $\text{TiO}_2$ ,  $\text{La}_2\text{O}_3$ ,  $\text{ZrO}_2$ ,  $\text{Nb}_2\text{O}_5$ ,  $\text{Ta}_2\text{O}_5$ ,  $\text{WO}_3$  and  $\text{Y}_2\text{O}_3$  in the total amount of 20-45%, wherein  $\text{TiO}_2$  up to 30% is included and  $\text{ZrO}_2$  is included within a range from 0 to 5%;

one or more ingredients selected from the group consisting of  $\text{MgO}$ ,  $\text{CaO}$ ,  $\text{SrO}$ ,  $\text{BaO}$  and  $\text{ZnO}$  in the total amount of 3-20%;

$\text{Na}_2\text{O}$  within the range from 0 to 14.5%; and

$\text{Li}_2\text{O}$  within a range from 2 to 8.5%;

one or both of  $\text{Sb}_2\text{O}_3$  and  $\text{As}_2\text{O}_3$  in the total amount of 0-1%, said glass being substantially free of  $\text{Al}_2\text{O}_3$ ,  $\text{CdO}$  and  $\text{PbO}$ .

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7. (amended) Glass for a light filter having a coefficient of thermal expansion within a range from  $90 \times 10^{-7}/^{\circ}\text{C}$  to  $120 \times 10^{-7}/^{\circ}\text{C}$  within a temperature range from  $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$  and having a composition which comprises, in weight percent:

one or more ingredients selected from the group consisting of  $\text{SiO}_2$ ,  $\text{B}_2\text{O}_3$  and  $\text{P}_2\text{O}_5$  in the total amount of 35-55%, wherein the upper limit of  $\text{SiO}_2$  is 41.5%;

$\text{TiO}_2$  up to 30%;

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ZrO<sub>2</sub> within a range from 0-5%;

one or more ingredients selected from the group consisting of MgO, CaO, SrO, BaO and ZnO in the total amount of 3-20%;

one or more ingredients selected from the group consisting of Li<sub>2</sub>O, Na<sub>2</sub>O and K<sub>2</sub>O in the total amount of 5-30%, wherein Na<sub>2</sub>O is included within a range from 0-14.5% and Li<sub>2</sub>O is included within a range from 2 to 8.5%; and

one or both of Sb<sub>2</sub>O<sub>3</sub> and As<sub>2</sub>O<sub>3</sub> in the total amount of 0-1%,

said glass being substantially free of Al<sub>2</sub>O<sub>3</sub>, CdO and PbO.

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[Please add new claims 24-37 as follows.]

24. (new) Glass as defined in claim 23 which has Young's modulus of 75 GPa or over.

25. (new) Glass as defined in claim 23 which has Vickers hardness of 550 or over.

26. (new) Glass as defined in claim 23 wherein light transmittance for plate thickness of 10mm is 90% or over within a wavelength range from 950nm to 1600nm.

27. (new) A light filter which is made by forming a dielectric film on glass as defined in claim 23.

28. (new) Glass for a light filter having a coefficient of thermal expansion within a range from  $90 \times 10^{-7}/^{\circ}\text{C}$  to  $120 \times 10^{-7}/^{\circ}\text{C}$  within a temperature range from  $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$  and having a composition which comprises, in weight percent:

one or more ingredients selected from the group consisting of  $\text{SiO}_2$ ,  $\text{B}_2\text{O}_3$  and  $\text{P}_2\text{O}_5$  in the total amount of 35-55%, wherein the upper limit of  $\text{SiO}_2$  is 41.5%;

one or more ingredients selected from the group consisting of  $\text{TiO}_2$ ,  $\text{La}_2\text{O}_3$ ,  $\text{ZrO}_2$ ,  $\text{Nb}_2\text{O}_5$ ,  $\text{Ta}_2\text{O}_5$ ,  $\text{WO}_3$  and  $\text{Y}_2\text{O}_3$  in the total amount of 20-45%, wherein  $\text{TiO}_2$  up to 30% is included and  $\text{ZrO}_2$  is included within a range from 0 to 5%;

one or more ingredients selected from the group consisting of  $\text{MgO}$ ,  $\text{CaO}$ ,  $\text{SrO}$ ,  $\text{BaO}$  and  $\text{ZnO}$  in the total amount of 3-20% wherein  $\text{MgO}$  is included within a range of 0-1%;

$\text{Na}_2\text{O}$  within the range from 0 to 14.5%; and

one or both of  $\text{Sb}_2\text{O}_3$  and  $\text{As}_2\text{O}_3$  in the total amount of 0-1%, said glass being substantially free of  $\text{Al}_2\text{O}_3$ ,  $\text{CdO}$  and  $\text{PbO}$ .

29. (new) Glass as defined in claim 28 which has Young's modulus of 75 GPa or over.

30. (new) Glass as defined in claim 28 which has Vickers hardness of 550 or over.

31. (new) Glass as defined in claim 28 wherein light transmittance for plate thickness of 10mm is 90% or over within a wavelength range from 950nm to 1600nm.

32. (new) A light filter which is made by forming a dielectric film on glass as defined in claim 28.

33. (new) Glass for a light filter having a coefficient of thermal expansion within a range from  $90 \times 10^{-7}/^\circ\text{C}$  to  $120 \times 10^{-7}/^\circ\text{C}$  within a temperature range from  $-20^\circ\text{C}$  to  $+70^\circ\text{C}$  and having a composition which comprises, in weight percent:

one or more ingredients selected from the group consisting of  $\text{SiO}_2$ ,  $\text{B}_2\text{O}_3$  and  $\text{P}_2\text{O}_5$  in the total amount of 35-55%, wherein the upper limit of  $\text{SiO}_2$  is 41.5%;

$\text{TiO}_2$  up to 30%;

$\text{ZrO}_2$  within a range from 0-5%;

one or more ingredients selected from the group consisting of  $\text{MgO}$ ,  $\text{CaO}$ ,  $\text{SrO}$ ,  $\text{BaO}$  and  $\text{ZnO}$  in the total amount of 3-20% wherein  $\text{MgO}$  is included within a range of 0-1%;

one or more ingredients selected from the group consisting of  $\text{Li}_2\text{O}$ ,  $\text{Na}_2\text{O}$  and  $\text{K}_2\text{O}$  in the total amount of 5-30%, wherein  $\text{Na}_2\text{O}$  is included within a range from 0-14.5%; and

one or both of  $\text{Sb}_2\text{O}_3$  and  $\text{As}_2\text{O}_3$  in the total amount of 0-1%,

said glass being substantially free of  $\text{Al}_2\text{O}_3$ ,  $\text{CdO}$  and  $\text{PbO}$ .

34. (new) Glass as defined in claim 33 which has Young's modulus of 75 GPa or over.

35. (new) Glass as defined in claim 33 which has Vickers hardness of 550 or over.

36. (new) Glass as defined in claim 33 wherein light transmittance for plate thickness of 10mm is 90% or over within a wavelength range from 950nm to 1600nm.

37. (new) A light filter which is made by forming a dielectric film on glass as defined in claim 33.

Kindly cancel claims 6 and 12-16.